

**LHCC upgrade session**

# **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome/Overview

*Tuesday 1 July 2008 09:00 (10 minutes)*

**Presenter:** WYATT, Terry (University of Manchester)

**Session Classification:** Introduction - setting the scene

Contribution ID: 1

Type: **not specified**

## **Machine intro (Phase I and Phase II upgrades, possible lumi scenarios)**

*Tuesday 1 July 2008 09:20 (20 minutes)*

**Presenter:** GAROBY, Roland (CERN)

**Session Classification:** Introduction - setting the scene

Contribution ID: 2

Type: **not specified**

## Overview of detector and scchdu issues - setting the stage

*Tuesday 1 July 2008 09:50 (15 minutes)*

Based on slides presented earlier to LHCC in closed session

- The main questions for the experiments (lum in phase I, timescale for phase II, shutdowns)
- Reminder about overall costs - largely linked to ID changes that are needed if LHC operation is to continue after 2016-18.
- Steps towards a decision in 2011 (LoI, TDR, cost documents, MoUs), and interactions with FAs
- Detector specific R&D versus Common R&D
- Ongoing EU projects
- Role of LHCC

**Presenter:** STAPNES, Steinar (Fysisk Institutt, Oslo)

**Session Classification:** Introduction - setting the scene

Contribution ID: 3

Type: **not specified**

## CMS overview

*Tuesday 1 July 2008 10:45 (30 minutes)*

Phase I and II plans, current organisation of work

**Presenter:** Dr NASH, Jordan (CERN)

**Session Classification:** Overview of CMS and ATLAS plans

Contribution ID: 4

Type: **not specified**

## **ATLAS overview**

*Tuesday 1 July 2008 11:35 (30 minutes)*

Phase I and II plans, current organisation of work

**Presenter:** Dr HESSEY, Nigel (NIKHEF)

**Session Classification:** Overview of CMS and ATLAS plans

Contribution ID: 5

Type: **not specified**

## **Silicon strip tracker developments (ATLAS)**

*Tuesday 1 July 2008 13:30 (10 minutes)*

**Presenter:** FERRERE, Didier (Section de Physique)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 6

Type: **not specified**

## **PIXEL/B-layer developments (ATLAS)**

*Tuesday 1 July 2008 13:45 (10 minutes)*

**Presenter:** DARBO, Giovanni (Genova)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)



Contribution ID: 7

Type: **not specified**

## **LAr forward calorimeter issues (ATLAS)**

*Tuesday 1 July 2008 14:00 (10 minutes)*

**Presenter:** ZEITNITZ, Christian (Wuppertal)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 8

Type: **not specified**

## **Lvl1 track trigger (CMS)**

*Tuesday 1 July 2008 14:15 (10 minutes)*

**Presenter:** Dr FOUNTAS, Costas (Imperial College)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 9

Type: **not specified**

## SiPM for HCAL (CMS)

*Tuesday 1 July 2008 14:30 (10 minutes)*

**Presenter:** FREEMAN, Jim (Fermi National Accelerator Laboratory (FNAL))

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: **10**

Type: **not specified**

## **Silicon sensor developments for an upgrade (CMS)**

*Tuesday 1 July 2008 14:45 (10 minutes)*

**Presenter:** BOLLA, Gino (Department of Physics - Purdue University)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 11

Type: **not specified**

## **CERN LHC upgrade R&D projects and irradiation plans**

*Tuesday 1 July 2008 15:00 (15 minutes)*

**Presenter:** LINSSEN, Lucie (CERN)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 12

Type: **not specified**

## Deep Sub Micron processes for SLHC

*Tuesday 1 July 2008 15:25 (10 minutes)*

**Presenter:** MARCHIORO, Alessandro (CERN)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)

Contribution ID: 13

Type: **not specified**

## **New powering methods for SLHC trackers**

*Tuesday 1 July 2008 15:40 (10 minutes)*

**Presenter:** WEBER, Marc (Rutherford Appleton Laboratory)

**Session Classification:** Examples of central R&D activities (ATLAS, CMS, Common)